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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/830,097	04/23/2004	Yoshiaki Okuno	0925-0179PUS2	7525

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EXAMINER

DINH, DUC Q

ART UNIT	PAPER NUMBER
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2629

NOTIFICATION DATE	DELIVERY MODE
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10/28/2008

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

mailroom@bskb.com

Office Action Summary	Application No. 10/830,097	Applicant(s) OKUNO ET AL.	
	Examiner DUC Q. DINH	Art Unit 2629	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 July 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-4 is/are allowed.
- 6) ☒ Claim(s) 5-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This Office Action is responsive to the Applicant's Response to the Restriction/Election Requirement filed on July 09, 2008. In view of the Applicant's argument in the Remarks, the Restriction/Election Requirement hereby withdrawn. Accordingly, claims 1-6 are currently pending in the Application and being examined as follows.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

Claims 5-6 are rejected under 35 U.S.C. 102(e) as being anticipated by Schiefer et al. (U.S. Patent No. 6,177, 922), hereinafter Schiefer.

In reference to claim 5, Schiefer discloses a device (see Figs. 1-3) for converting images, comprising:

an output synchronization signal generation module (120) configured to generate output vertical and horizontal synchronization signals (Hsync2 and Vsync2) based on an input horizontal synchronization signal (RGB Hsync) and an input vertical synchronization signal (RGB Vsync), and a clock signal (CLK2) that is asynchronous to the input horizontal synchronization signal; and

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a controller (110) for generating a control signal for controlling a cycle of the output horizontal synchronizing signal based on the input horizontal synchronization (RGB Hsync) signal, the input vertical synchronization signal (RGB Vsync), cycle information of the input horizontal synchronization signal (IP Hsync), and cycle information of the asynchronous clock signal (IPCLK); and

an image conversion module (320 of Fig. 3) configured to generate an output image signal (Ddata) based on an input image signal (data) the output vertical and horizontal synchronization signals (RGB Vsyn/Hsyn), and the clock signal (CLK2).

In reference to claim 6, Schiefer discloses, in Figs. 1-3, a method for converting images, comprising:

generating output vertical and horizontal synchronization signals (Vsync/Hsync) based on an input horizontal synchronization signal (HS sync) and an input vertical synchronization signal (VS sync);

generating a clock signal (CLK) that is asynchronous to the input horizontal synchronization signal; (HS sync) and

generating a control signal that controls a cycle of the output horizontal synchronizing signal based on the input horizontal synchronization signal (HS sync), the input vertical synchronization signal (VS sync), cycle information of the input horizontal synchronization signal (IP Hsync), and cycle information of the a synchronous clock signal (IPCLOCK); and

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generating an output image signal (DDATA) based on an input image signal (DATA), the output vertical and horizontal synchronization signals (Vsync, Hsyn), and the clock signal (CLK).

Allowable Subject Matter

3. Claims 1-4 are allowed as indicated in the previous Office Action mailed on October 30, 2007.

Response to Arguments

4. Applicant's arguments with respect to claims 5-6 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to DUC Q. DINH whose telephone number is (571)272-7686. The examiner can normally be reached on Mon-Fri from 8:00.AM-4:00.PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, RICHARD HJERPE can be reached on (571)272-7691. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Duc Q Dinh/

Primary Examiner, Art Unit 2629